Patent Claims

1.   Method for evaluating images recorded with a fundus camera, wherein deviations from a stored comparison image and/or from a standard image created by evaluating a plurality of comparison images are determined, and/or a similarity analysis is carried out by means of a stored comparison image and/or by means of a standard image created by evaluating a plurality of comparison images.

2.   Method according to claim 1, wherein the evaluation is carried out by averaging extracted features.

3.   Method according to claim 1 or 2, wherein deviations are determined and/or the similarity analysis is carried out on the basis of a gray-value analysis and/or an analysis of color histograms and/or a structure analysis.

4.   Method according to one of claims 1 to 4, wherein an extraction of vascular tree parameters is carried out.

5.   Arrangement for the evaluation of images recorded with a fundus camera, particularly according to one of the preceding claims, comprising a fundus camera for recording the ocular fundus, an image storage for storing recorded fundus images, means for evaluating the recorded fundus images comprising means for gray-value analysis and/or means for preparing color histograms and/or means for structure analysis.

6.   Arrangement according to claim 5, wherein means are provided for determining deviations from a stored comparison image and/or from a standard image created by evaluating a plurality of comparison images, and/or means are provided for similarity analysis by means of a stored comparison image and/or a standard image created by evaluating a plurality of comparison images.